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**Title**                      *Study of EM Performance Parameters of Tangent-ogive and Hemispherical Radomes*

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### **Abstract**

*This report deals with the EM performance predictions of tangent ogive and hemispherical radomes using the in-house developed NAL-CSIR Radant Code. The computation of EM performance parameters is based on 3-D ray tracing in conjunction with aperture integration method. The study is conducted for both tangent ogive and hemispherical radome shapes with different wall configurations. The effect of radome paint on the radome performance parameters is also studied for these shapes.*